RFQ/ITB Title:	Supply of Electric Vehicles for Waste Collection
Competition Type:	Open Competition
Contract period:	90 days within contract period. 15-Dec-26 To 30-Jun-27
Location:	DDP to Male' Maldives

ANNEX 1: SCHEDULE OF REQUIREMENTS

Technical Specifications for Goods:

Category 1: Electric lorry/truck				
Item No	**Minimum technical requirements**		**Unit of measure**	**Quantity**
1	**Electric lorry/truck DFSK EC31 Right Hand drive or equivalent with the following characteristics**		**Pcs**	**5**
	Steering position	Right-hand drive		
	Passenger capacity	At least 2 persons, including the driver		
	Vehicle length	Not more than 5,000 mm		
	Vehicle width	Not more than 1,800 mm		
	Vehicle height	Not more than 2,100 mm		
	Payload capacity	Not less than 1,400 kg		
	Motor type	Electric motor suitable for the vehicle's stated performance requirements		
	Maximum motor power	Not less than 55 kW		
	Maximum torque	Not less than 180 Nm		
	Battery type	Lithium iron phosphate or another suitable rechargeable battery technology		
	Battery cooling	Liquid cooling or another suitable battery thermal management system		
	Battery capacity	Not less than 38 kWh		
	Charging time	AC charging: not more than 7 hours. DC charging: not more than 30 minutes from 20% to 80% charge.		
	Driving range	Not less than 200 km per full charge, based on the manufacturer's stated range		
	Drive system	Rear-wheel drive or an equivalent drive system suitable for the required payload and operating conditions		
	Braking system	Front and rear brakes suitable for the vehicle and its rated payload		
	Parking sensor	Included		

	Anti-lock braking system (ABS)	Included		
	Pedestrian detection system	Included, or an equivalent safety system designed to detect pedestrians		
	Warranty	At least 1 year Manufacturer's or supplier-provided warranty		
	Other requirements	1. Colour: Black, grey, blue, green or white preferred. 2. Cover. 3. Floor mat.		

Category 2: Electric Garbage Truck

Item No	Minimum technical requirements		Unit of measure	Quantity
1	**Electric Garbage Truck- Automated Garbage Loading & Unloading**		**Pcs**	**6**
	Vehicle overview			
	Drive system	Fully electric drive system		
	Vehicle weight	Approximately 1,350 to 1,650 kg		
	Maximum payload	Bidder shall specify the rated maximum payload in kg and provide supporting manufacturer documentation.		
	Maximum speed	Not less than 40 km/h		
	Reverse speed	Not less than 15 km/h		
	Driving range	Not less than 50 km per full charge, based on manufacturer's stated range.		
	Gradeability	Not less than 20 degrees		
	Overall dimensions (L × W × H)	Length: 3,800 to 4,500 mm Width: 1,500 to 1,900 mm Height: 2,100 to 2,500 mm		
	Axle track	1,250 to 1,550 mm		
	Wheelbase	1,800 to 2,200 mm		
	Battery position	Securely mounted within the vehicle frame or on a suitable battery bracket.		
	Ground clearance	200 to 300 mm		
	Tyres	Tubeless tyres suitable for the vehicle's load and operating conditions. Reference size: 165R13 or equivalent.		
	Warranty	At least 1 year Manufacturer's or supplier-provided warranty		
	Garbage compartment			
	Material and construction	Low-carbon steel or equivalent durable material, with fully welded lower seams.		
	Compartment dimensions (L × W × H)	Length: 2,400 to 2,900 mm Width: 1,350 to 1,650 mm Height: 1,150 to 1,450 mm		

Compartment design	Enclosed body with a design to prevent leakage, including a downward slope at the tail or an equivalent solution.
Compartment volume	4.5 to 5.5 m^3

Bucket lifting and lowering mechanism

Loading and unloading	Hydraulically operated automatic lifting, tipping and lowering mechanism.
Hydraulic cylinders	At least two cylinders or an equivalent hydraulic arrangement capable of meeting the stated lifting capacity and cycle time.
Lifting arm	Carbon steel plate or equivalent material. Plate thickness: approximately 10 to 14 mm, or equivalent structural strength.
Lifting chute	Steel channel with rolling bearing sliding wheel or equivalent mechanism.
Lifting capacity	Not less than 200 kg
Bin compatibility	Compatible with standard 240 L waste bins.
Hydraulic motor power	1.2 to 1.6 kW or equivalent system capable of meeting the stated lifting capacity and cycle time.
Operating cycle time	Lifting: not more than 15 seconds. Lowering: not more than 15 seconds.

Battery and electrical system

Battery type	Maintenance-free lead-acid battery or equivalent suitable for the vehicle.
Battery capacity	Not less than 100 Ah at the specified system voltage, or equivalent usable energy capacity.
Battery and rated system voltage	72 V nominal or an equivalent system delivering the required vehicle performance.
Drive motor output	Not less than 5 kW
Drive motor type	AC electric motor or equivalent motor providing the specified performance.
Charger	Compatible charger with automatic shut-off or charge termination. Full charging time: not more than 8 hours under manufacturer-specified conditions.

Chassis, brakes and body

Rear axle and suspension	Integral rear axle and leaf spring suspension, or an equivalent configuration suitable for the stated load.
Braking system	Four-wheel brakes and parking brake.
Lights and safety equipment	Headlights, rear taillights, electric horn, reversing buzzer and reversing camera.
Steering	Steering wheel. Power steering and brake assist may be offered.
Body and seating	Durable metal vehicle body and cushioned seats suitable for the vehicle's intended use.

Delivery Requirements

Delivery date and time	3/31/2027 Bidder shall deliver the goods within 13 weeks after Contract signature.
Delivery Terms (INCOTERMS 2020)	DDP
Customs clearance (Must be linked to INCOTERM)	☐ Not Applicable Shall be done by: ☐ Name of Organization (Where applicable) ☒ Supplier/Bidder ☐ Freight Forwarder
Exact Address(es) of Delivery Location(s)	WAMCO -Male' Waste Transfer Station/ Saafu Rajje Building, Industrial Zone. Malé, Republic of Maldives
Distribution of shipping documents (if using freight forwarder)	NA
Packing Requirements	Right-sized packaging: Packaging shall be designed in a manner that fits the product dimensions closely.
Warranty Period	All items must be covered by a minimum 1-year manufacturer's or supplier-provided warranty appropriate for the item type and in line with industry standards. Vendors should clearly indicate the warranty coverage provided (including duration and scope) in their quotation, whether it is from the manufacturer directly or through the authorized distributor/reseller, and whether extended warranties are provided
After-sales service and local service support requirements	Yes The supplier shall provide after-sales service and technical support for the vehicles throughout the warranty period. Support may be provided remotely or through a local service provider. The bidder shall specify the proposed arrangements for handling technical enquiries, warranty claims, repairs and replacement of faulty parts.
Preferred Mode of Transport	NA. Up to the bidder on most efficient mode.

Institutional Arrangement

DDP (Delivered Duty Paid) to final delivery location. Supplier shall be responsible for all customs clearance procedures, and transport to the designated delivery locations. Duty exemption letter will be provided by UNDP. Assembly, if required, must be completed at delivery site.

Duration of the Assignment

The duration of the contract is expected to be from 12/15/2026 – 6/30/2027. Bidder shall deliver the goods within 13 weeks from the date of contract signature

CRITERIA FOR SELECTION OF BEST OFFER

The details of the core competencies required for this bid are further outlined in the following section. The selection process will follow a technically compliant lowest priced methodology on a pass/fail basis. Only firms that pass the mandatory eligibility criteria will be included in the financial evaluation.

Mandatory Eligibility Requirements:

☒ Full compliance with all the requirements and specifications as specified in Annex 1

☒ Full acceptance of the General Conditions of Contract

☒ The company/firm shall be registered for more than 02 years.

☒ Minimum of one (1) similar PO's/contracts successfully completed related to items specified in SOR the last 05 years

☒ Provide Financial Statement for past two years.

☒ Authorized Dealership certificate OR confirmation warranty provision as specified in delivery requirements.

☒ Compliance with the delivery completion timeline of 13 weeks after award of contract on the desired location.

Packing Requirements:

- Right-sized packaging: Packaging shall be designed in a manner that fits the product dimensions closely.

After-sales service and local service support requirements

- The supplier must provide after-sales service and technical support for all items.
- Local service support should include diagnostics, repair, replacement of faulty components, and periodic maintenance as required.
- A dedicated focal point or service center within the Maldives or remotely should be available for warranty claims and technical assistance throughout the warranty period.
- Response time for service requests should not exceed three working days.